FCC ID: IYGPTB800

Date: September 7,2002
Subject: SpectraLink Jamming margin document, DS-11MB
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A document prepared by SpectraLink, detailing the tests performed on the NetLink 11 MB phone for processing gain performance was reviewed by L S Compliance, and is hereby submitted to the FCC to show compliance with the 15.247 (e) requirement.

The configuration shown in Figure 1 (block diagram) is consistent with the required set-up for the Jamming margin method of performing the test, and shows that the required measurements were performed on the system, which includes the receiver. The Test equipment used is listed in the report, and is assumed to have recent calibrations traceable to NIST. A system calibration was carried out before the test was performed, in order to ascertain the additional losses in the measurement system. (appendix E) The report illustrates the theoretical processing gain, and the calculated (S/N)o by references located in the text explanation given in the front of the documentation. The BER rate used for the comparison was taken as 10e\-5, and the corresponding packet rate was given in Appendix F. The measured Mj value at each data rate was chosen, as the worst case value found at the 20th percentile point, as seen in the columnar data. The test was performed for 4 data rates, including the 11 MB rate, which is the highest data rate available. It is assumed that the test software has used a sound technique for determination of instantaneous and cumulative bit error rates as required for the measurement.

Understanding that the implicit assumptions are easily referenced and traceable in the event of any question arising through the presentation and acceptance of this jamming margin data, L S C does declare that the DS-11MB does **MEET** the requirements of 15.247(e)

Respectfully submitted:

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